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TFW 2871

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of

Xu Wu et al.

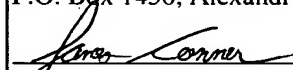
Application N°: 10/055,420

Filed: January 23, 2002

Title: OPTICAL PROBES AND PROBE  
SYSTEMS FOR MONITORING FLUID  
FLOW IN A WELL

) Customer No. 37003  
)  
) Confirmation No.: 7263  
)  
) Group Art Unit: 2877  
)  
) Examiner: Stock, Jr., G.J.  
)  
) Docket N°: 60.1377/SDR-067  
)  
)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope with sufficient postage addressed to: Mail Stop Amendments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 2, 2006.

  
James Conner

August 2, 2006  
Date

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

In accordance with 37 C.F.R. §1.56, 1.97 and 1.98, the Applicants wish to bring the reference materials listed in the attached Form PTO-1449 to the attention of the U. S. Patent and Trademark Office. Copies of the references are provided for the Examiner's convenience.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, the Applicant understands that the Examiner will make an independent evaluation of the cited publications.

It is respectfully requested that these references be considered by the Examiner and formally made of record in this case.

Application No.: 10/055,420  
Paper Date: August 2, 2006

Docket No. 60.1377/SDR-067  
Page 2

This information disclosure statement is being filed before receipt of the first office action after the filing of a Request for Continued Examination. Therefore, applicants believe that no fees are due. However, in the event that the first office action has been mailed prior to the filing of this information disclosure statement, the Commissioner is authorized to charge or credit any deficiency/overpayment to Deposit Account No. 19-0615.

Respectfully submitted,



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FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office

ATTY. DOCKET NO:

60.1377/SDR-067

SERIAL NO.:

10/055,420

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT:

Xu Wu et al.

EXAMINER:

Stock, Jr., G.J.

FILING DATE:

January 23, 2002

GROUP:

2877

## U.S. PATENT DOCUMENTS

Exam Init.	Document Number	(mm/dd/yy) Date	Name	Class	Sub- class	(mm/dd/yy) Filing date

## FOREIGN PATENT DOCUMENTS

Exam Init.	Document Number	(dd/mm/yy) Date	Country	Class	Sub- class	Translation	
						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	Xu Wu et al. "Using an optical sensor to quantify the amount of oil, water, and gas in a water-continuous flow." <u>SPIE Proceedings: Internal Standardization and Calibration Architectures for Chemical Sensors</u> Vol. 3856. Eds. Ronald E. Shaffer and Radislav A. Potyrailo (November 1999): p. 298-307.
2	Wang, Xin and Oliver C. Mullins. "Fluorescence Lifetime Studies of Crude Oils." <u>Applied Spectroscopy</u> Vol. 48, No. 8 (1994): pp. 977-984.
3	Groenzin et al. "Resonant Fluorescence Quenching of Aromatic Hydrocarbons by Carbon Disulfide." <u>J. Phys. Chem. A</u> . 103 (1999): 1504-1508.
4	Zhu et al. "Temperature Dependence of Fluorescence of Crude Oils and Related Compounds." <u>Energy &amp; Fuels</u> 6 (1992): pp. 545-552.
5	Ralston et al. "Quantum Yields of Crude Oils." <u>Applied Spectroscopy</u> Vol. 50, No. 12 (1996): pp. 1563-1568.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant